

UNDERWATER ADHESIVE

Patent number: JP61238879
Publication date: 1986-10-24
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Classification:
- International: C09J3/12; C09J3/14; C09J7/02
- european:
Application number: JP19850079366 19850416
Priority number(s): JP19850079366 19850416

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Abstract of JP61238879

PURPOSE: To obtain an adhesive which can exhibit adhesion not only in the air but also under water, by mixing a main ingredient for an adhesive as a base with a tackifier, a softening agent and a highly water-absorptive agent and kneading the mixture with a solvent. **CONSTITUTION:** A rubber base comprising a natural rubber, a synthetic rubber or an acrylic polymer is incorporated with a tackifier such as a natural resin, a petroleum resin produced by using a petroleum naphtha as a raw material, a petroleum resin produced by using a tar naphtha as a raw material, a coumarone-indene resin produced by using a tar naphtha as a raw material to obtain a water-insoluble, water-resistant adhesive base to which an initial adhesion, adhesion and cohesive force have been imparted. A plasticizer such as dioctyl phthalate is added as a softening agent to the adhesive base. The base adhesive is further incorporated and kneaded with a highly water-absorptive resin having hydrophilic properties or ultra-highly water absorptive fiber, etc., and, if necessary, an org. solvent such as an aromatic hydrocarbon to obtain an underwater adhesive.

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